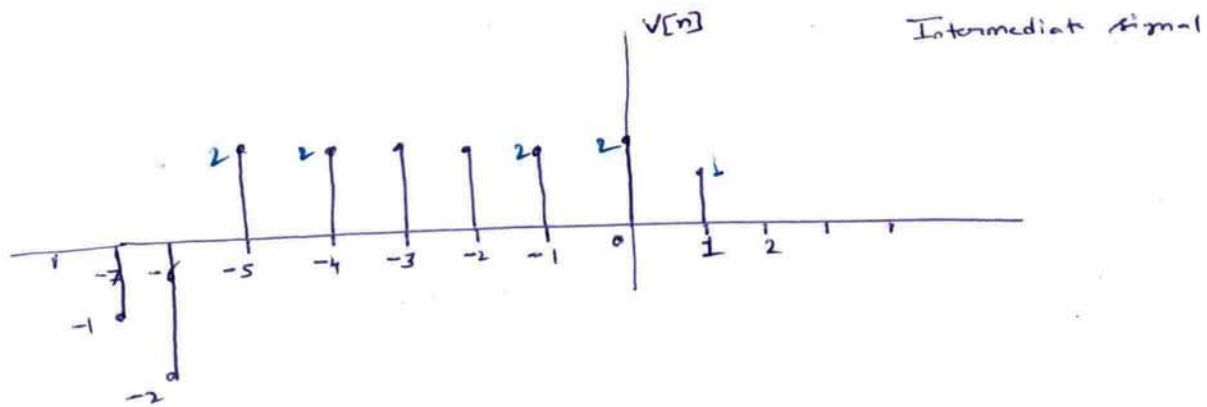


Q.3

a) $v[n] = x[n+3]$



$$y[n] = v[2n] = x[2n+3]$$

$$y[0] = v[0] = 2$$

$$y[1] = v[2] = 0$$

$$y[2] = v[4] = 2$$

$$y[-2] = v[-4] = 2$$

$$y[-3] = v[-6] = -2$$

$$y[-4] = v[-8] = 0$$

